

WHAT IS CLAIMED IS:

1. A conveying arrangement for processing printed products, comprising:

a conveying section;

a plurality of deposit trays on which the printed products are transported along the conveying section, the conveying section having an intake area where the printed products are fed to the deposit trays and a delivery area at an end region of the conveying section where the printed products are removed from the deposit trays; and

a control mechanism for controlling a distance between respectively adjacent deposit trays in the intake area based on a thickness of the printed products.

2. The conveying arrangement according to claim 1, wherein the deposit trays are insertable from below into the conveying section for adjusting the distances between adjacent trays.

3. The conveying arrangement according to claim 1, further comprising a deposit tray magazine in which the deposit trays are arranged one above another, wherein the deposit tray magazine is arranged for making the deposit trays available for accommodating a printed product at the intake area.

4. The conveying arrangement according to claim 3, wherein the deposit tray magazine is arranged at a starting point of the conveying section.

5. The conveying arrangement according to claim 3, further including a displacement device connected at an end of the conveying section for supplying deposit trays to the deposit tray magazine.

6. The conveying arrangement according to claim 5, wherein the deposit tray magazine is arranged to be supplied from below.

7. The conveying arrangement according to claim 3, wherein the deposit tray magazine is arranged at an end of the conveying section.

8. The conveying arrangement according to claim 7, further including a displacement device connected between the deposit tray magazine and a start of the conveying section.

9. The conveying arrangement according to claim 7, wherein the deposit tray magazine is arranged to be supplied from its top.

10. The conveying arrangement according to claim 3, further comprising a lifting device arranged for lifting the deposit trays vertically upward from the deposit tray magazine.

11. The conveying arrangement according to claim 10, wherein the deposit tray magazine is arranged below the intake area.

12. The conveying arrangement according to claim 1, wherein the lifting device includes controllable support elements for adjusting the spacing of the deposit trays.

13. The conveying arrangement according to claim 12, wherein the support elements are displaceable between an active position and an inactive position.

14. The conveying arrangement according to claim 13, wherein, when the support elements are in the active position, they respectively grip one edge of one deposit tray from below.

15. The conveying arrangement according to claim 1, wherein the conveying section includes an ascending conveying section and a parallel descending conveying section, the conveying arrangement further comprising a displacement device arranged at a conveying height of the conveying section for displacing respectively one deposit tray in approximately an horizontal direction from the ascending conveying section to the parallel descending conveying section.

16. The conveying arrangement according to claim 15, wherein the displacement device is moveable vertically to extend or shorten a conveying distance.

17. A method of cooling or drying printed products, comprising utilizing the conveying arrangement according to claim 1.

18. A method of cooling or drying perfect-bound printed products, comprising utilizing the conveying arrangement according to claim 1.

19. A method of buffering printed products, comprising utilizing the conveying arrangement according to claim 1.